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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/532,933	03/22/2000	Mitsuyoshi Watanabe	826.1596/JDH	9169

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EXAMINER

GRAHAM, CLEMENT B

ART UNIT

PAPER NUMBER

3628

DATE MAILED: 03/14/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/532,933

Applicant(s)

WATANABE ET AL.

Examiner

Clement B Graham

Art Unit

3628

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 March 2000.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-24 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 4. 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patent ability shall not be negated by the manner in which the invention was made.

2. Claims 1,15, are rejected under 35 U.S.C. 103(a) as being unpatentable Hereinafter Giuliani U.S Patent 5,974,399 in view of Hereinafter Sato U.S Patent 5,742,039 .

As per claim 1, Giuliani disclose an electronic commerce system aiding in a purchase and a sale of a commodity, comprising:
a registered commodity data storing unit storing a desired sale or purchase price of a commodity, and information about a change condition and a change price of the desired sale or purchase price. (Note abstract and see column 1 line 65 and column 2 lines 5-65). Giuliani also disclose a unit changing a price if the information about the change condition or the change price, which is registered to said registered commodity data-storing unit, is satisfied. (See column 4 lines 5-45 and column 9 lines 40-65 and column 6 55-65). However Sato disclose the storing unit includes a storage area for storing control information required for various sorts of processing, output information relevant to input data, the storage area is used for storing information concerning registered commodities, calculated sales money amount information. (See column 9 lines 15-25 and column 2 lines 5-65). It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teachings of Giuliani to include Sato in order to create an electronic commerce system aiding in a purchase

Art Unit: 3628

and a sale of a commodity. The benefit would have been to the storing of all registered commodity data related to purchase and a sale of a commodity.

As per claim 15, Giuliani disclose an electronic commerce system aiding in a purchase and a sale of a commodity, comprising:

storing unit storing a desired sale or purchase price of a commodity, and information about a change condition and a change price of the desired sale or purchase price. (Note abstract and see column 1 line 65 and column 2 lines 5-65). Giuliani also disclose a unit changing a price if the information about the change condition or the change price, which is registered to said registered commodity data-storing unit, is satisfied. (See column 4 lines 5-45 and column 9 lines 40-65 and column 6 55-65). However Sato disclose the storing unit includes a storage area for storing control information required for various sorts of processing, output information relevant to input data, the storage area is used for storing information concerning registered commodities, calculated sales money amount information. (See column 9 lines 15-25 and column 2 lines 5-65). It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teachings of Giuliani to include Sato in order to create an electronic commerce system aiding in a purchase and a sale of a commodity. The benefit would have been to the storing of all commodity information related to purchase and a sale of a commodity.

3. Claims 2-14, 16-24 are rejected under 35 U.S.C. 103(a) as being unpatentable Hereinafter Giuliani U.S Patent 5,974,399 in view of Hereinafter Sato U.S Patent 5,742,039 in further view of Hereinafter Champion U.S Patent 5,126,936.

Claims 2, 6, 9, Giuliani disclose an electronic commerce system aiding in a purchase and a sale of a commodity, comprising:

Art Unit: 3628

a registered commodity data storing unit storing a desired sale or purchase price of a commodity, and information about a change condition and a change price of the desired sale or purchase price. (Note abstract and see column 1 line 65 and column 2 lines 5-65). Giuliani does not explicitly teach disclose searching unit searching for a desired price. However Sato disclose searching unit searching for a desired price. (See column 16 line 25). Sato also disclose delivery of commodity. (See column 6 lines 40-45). Sato does not explicitly teach information about a change condition and a change price of the desired price of a transaction partner that registers a sale of a designated commodity in response to a purchase request designating the commodity a desired price and information about a change condition and a change price of the desired price of a transaction partner that registers a purchase of a designated commodity in response to a sale request designating the commodity, in registered commodity information stored in said registered commodity data storing unit. However Champion disclose searching unit searching for a desired price or and information about a change condition and a change price of the desired price of a transaction partner that registers a sale of a designated commodity in response to a purchase request designating the commodity. (See column 3 lines 15-25 and column 11 lines 40-65). Champion also disclose a desired price and information about a change condition and a change price of the desired price of a transaction partner that registers a purchase of a designated commodity in response to a sale request designating the commodity, in registered commodity information stored in said registered commodity data storing unit. (See column 4 lines 30-50 and column 11 line 60). It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teachings of Giuliani and Sato to include Champion in order to create an

Art Unit: 3628

electronic commerce system aiding in a purchase and a sale of a commodity. The benefit would have been to the ability to search for a desired price or and information about a change condition and a change price and storing of all registered commodity data related to purchase and a sale of a commodity.

As per claims 3, 7, Giuliani disclose an electronic commerce system aiding in a purchase and a sale of a commodity, comprising:
registered commodity data storing unit storing a desired sale or purchase price of a commodity, and information about a change condition and a change price of the desired sale or purchase price. (Note abstract and see column 1 line 65 and column 2 lines 5-65). Giuliani does not explicitly teach disclose searching unit searching for a desired price. However Sato disclose searching unit searching for a desired price.(See column 16 line 25). Sato also disclose delivery of commodity. (See column 6 lines 40-45). Sato does not explicitly teach information about a change condition and a change price of the desired price of a transaction partner that registers a sale of a designated commodity in response to a purchase request designating the commodity a desired price and information about a change condition and a change price of the desired price of a transaction partner that registers a purchase of a designated commodity in response to a sale request designating the commodity, in registered commodity information stored in said registered commodity data storing unit. However Champion disclose searching unit searching for a desired price or and information about a change condition and a change price of the desired price of a transaction partner that registers a sale of a designated commodity in response to a purchase request designating the commodity.(See column 3 lines 15-25 and column 11 lines 40-65). Champion also disclose a

Art Unit: 3628

desired price and information about a change condition and a change price of the desired price of a transaction partner that registers a purchase of a designated commodity in response to a sale request designating the commodity, in registered commodity information stored in said registered commodity data storing unit. (See column 4 lines 30-50 and column 11 line 60). It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teachings of Giuliani and Sato to include Champion in order to create an electronic commerce system aiding in a purchase and a sale of a commodity. The benefit would have been to the ability to search for a desired price or and information about a change condition and a change price and storing of all registered commodity data related to purchase and a sale of a commodity. It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teachings of Giuliani and Sato to include Champion in order to create an electronic commerce system aiding in a purchase and a sale of a commodity. The benefit would have been to the ability to search for a desired price or and information about a change condition and a change price and storing of all registered commodity data related to purchase and a sale of a commodity.

As per claims 4, 5, 8, Giuliani disclose an electronic commerce system aiding in a purchase and a sale of a commodity, comprising:
registered commodity data storing unit storing a desired sale or purchase price of a commodity, and information about a change condition and a change price of the desired sale or purchase price. (Note abstract and see column 1 line 65 and column 2 lines 5-65). Giuliani does not explicitly teach disclose searching unit searching for a desired price. However Sato disclose searching unit searching for a desired price.(See column 16 line 25). Sato also

disclose delivery of commodity. (See column 6 lines 40-45). Sato does not explicitly teach information about a change condition and a change price of the desired price of a transaction partner that registers a sale of a designated commodity in response to a purchase request designating the commodity a desired price and information about a change condition and a change price of the desired price of a transaction partner that registers a purchase of a designated commodity in response to a sale request designating the commodity, in registered commodity information stored in said registered commodity data storing unit. However Champion disclose searching unit searching for a desired price or and information about a change condition and a change price of the desired price of a transaction partner that registers a sale of a designated commodity in response to a purchase request designating the commodity.(See column 3 lines 15-25 and column 11 lines 40-65). Champion also disclose a desired price and information about a change condition and a change price of the desired price of a transaction partner that registers a purchase of a designated commodity in response to a sale request designating the commodity, in registered commodity information stored in said registered commodity data storing unit. (See column 4 lines 30-50 and column 11line 60). It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teachings of Giuliani and Sato to include Champion in order to create an electronic commerce system aiding in a purchase and a sale of a commodity. The benefit would have been to the ability to search for a desired price or and information about a change condition and a change price and storing of all registered commodity data related to purchase and a sale of a commodity. It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teachings of Giuliani and Sato to include Champion

in order to create an electronic commerce system aiding in a purchase and a sale of a commodity. The benefit would have been to the ability to search for a desired price or and information about a change condition and a change price and storing of all registered commodity data related to purchase and a sale of a commodity.

As per claim 10. Giuliani disclose a electronic commerce system aiding in a purchase and a sale of a commodity, comprising:
a registered commodity data storing unit storing a desired sale or purchase price of a commodity, and information about a condition changing the desired sale or purchase price.
(Note abstract and see column 1 line 65 and column 2 lines 5-65). Giuliani, Sato and Champion does not explicitly teach a registered commodity data storing unit storing a desired sale or purchase price of a commodity, and information about a condition changing the desired sale or purchase price depending on a time; and a unit changing a desired price of the commodity when a time stored in said registered commodity data storing unit elapses. It would have obvious to one of ordinary skill in the art at the time the invention was made that the teachings of Giuliani modify to include Sato and Champion could have perform these functions of documenting time as it relates to conditions changes in purchase price and the elapses time of storing unit. The benefit would have been to document the price changes within a commodity and the time those changes occurs.

As claim 11, Giuliani disclose an electronic commerce system aiding in a purchase and a sale of a commodity, comprising:
a registered commodity data storing unit storing information about a sale or purchase desire of a commodity. (Note abstract and see column 1 line 65 and column 2 lines 5-65). Giuliani, Sato

and Champion does not explicitly teach a registered commodity data storing unit storing information about a sale or purchase desire of a commodity along with a public condition, and a unit making the sale or purchase desire of the commodity public if the public condition stored in said registered commodity data storing unit is satisfied. It would have been obvious to one of ordinary skill in the art at the time the invention was made that the teachings of Giuliani modify to include Sato and Champion could have perform these functions of making the sale or purchase desire of the commodity public if the public condition stored in the registered commodity data storing unit is satisfied. The benefit would have been to have the public participating in the purchase and a sale of a commodity.

As per claim 12, Giuliani disclose a computer-readable storage medium on which is recorded a program for causing a computer to perform a process aiding in a purchase and a sale of a commodity, said process comprising:

a registered commodity data storing unit storing a desired sale or purchase price of a commodity, and information about a change condition and a change price of the desired sale or purchase price. (Note abstract and see column 1 line 65 and column 2 lines 5-65). Giuliani does not explicitly teach disclose searching unit searching for a desired price. However Sato disclose searching unit searching for a desired price.(See column 16 line 25). Sato also disclose delivery of commodity. (See column 6 lines 40-45). Sato does not explicitly teach information about a change condition and a change price of the desired price of a transaction partner that registers a sale of a designated commodity in response to a purchase request designating the commodity a desired price and information about a change condition and a change price of the desired price of a

Art Unit: 3628

transaction partner that registers a purchase of a designated commodity in response to a sale request designating the commodity, in registered commodity information stored in said registered commodity data storing unit. However Champion disclose searching unit searching for a desired price or and information about a change condition and a change price of the desired price of a transaction partner that registers a sale of a designated commodity in response to a purchase request designating the commodity. (See column 3 lines 15-25 and column 11 lines 40-65). Champion also disclose a desired price and information about a change condition and a change price of the desired price of a transaction partner that registers a purchase of a designated commodity in response to a sale request designating the commodity, in registered commodity information stored in said registered commodity data storing unit. (See column 4 lines 30-50 and column 11 line 60). It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teachings of Giuliani and Sato to include Champion in order to create an electronic commerce system aiding in a purchase and a sale of a commodity. The benefit would have been to the ability to search for a desired price or and information about a change condition and a change price and storing of all registered commodity data related to purchase and a sale of a commodity. It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teachings of Giuliani and Sato to include Champion in order to create an electronic commerce system aiding in a purchase and a sale of a commodity. The benefit would have been to the ability to search for a desired price or and information about a change condition and a change price and storing of all registered commodity

data related to purchase and a sale of a commodity.

As per claim 13, Giuliani disclose a computer-readable storage medium on which is recorded a program for causing a computer to perform a process aiding in a purchase and a sale of a commodity, said process comprising: a registered commodity data storing unit storing a desired sale or purchase price of a commodity, and information about a condition changing the desired sale or purchase price. (Note abstract and see column 1 line 65 and column 2 lines 5-65). Giuliani, Sato and Champion does not explicitly teach a registered commodity data storing unit storing a desired sale or purchase price of a commodity, and information about a condition changing the desired sale or purchase price depending on a time; and a unit changing a desired price of the commodity when a time stored in said registered commodity data storing unit elapses. It would have obvious to one of ordinary skill in the art at the time the invention was made that the teachings of Giuliani modify to include Sato and Champion could have perform these functions of documenting time as it relates to conditions changes in purchase price and the elapses time of storing unit. The benefit would have been to document the price changes within a commodity and the time those changes occurs.

As per claim 14, Giuliani disclose a computer-readable storage medium on which is recorded a program for causing a computer to perform a process aiding in a purchase and a sale of a commodity, said process comprising: a registered commodity data storing unit storing information about a sale or purchase desire of a commodity. (Note abstract and see column 1 line 65 and column 2 lines 5-65). Giuliani, Sato and Champion does not explicitly teach a registered commodity data storing unit storing

information about a sale or purchase desire of a commodity along with a public condition, and a unit making the sale or purchase desire of the commodity public if the public condition stored in said registered commodity data storing unit is satisfied. It would have been obvious to one of ordinary skill in the art at the time the invention was made that the teachings of Giuliani modify to include Sato and Champion could have perform these functions of making the sale or purchase desire of the commodity public if the public condition stored in the registered commodity data storing unit is satisfied. The benefit would have been to have the public participating in the purchase and a sale of a commodity.

As per claim 16, Giuliani disclose a electronic commerce method aiding in a purchase and a sale of a commodity in an electronic commerce system, comprising: storing a desired sale or purchase price of a commodity, and information about a change condition and a change price of the desired sale or purchase price. (Note abstract and see column 1 line 65 and column 2 lines 5-65). Giuliani does not explicitly teach disclose searching unit searching for a desired price. However Sato disclose searching unit searching for a desired price.(See column 16 line 25). Sato also disclose delivery of commodity. (See column 6 lines 40-45). Sato does not explicitly teach information about a change condition and a change price of the desired price of a transaction partner that registers a sale of a designated commodity in response to a purchase request designating the commodity a desired price and information about a change condition and a change price of the desired price of a transaction partner that registers a purchase of a designated commodity in response to a sale request designating the commodity, in registered commodity information stored in said registered commodity data

Art Unit: 3628

storing unit. However Champion disclose searching unit searching for a desired price or and information about a change condition and a change price of the desired price of a transaction partner that registers a sale of a designated commodity in response to a purchase request designating the commodity. (See column 3 lines 15-25 and column 11 lines 40-65).

Champion also disclose a desired price and information about a change condition and a change price of the desired price of a transaction partner that registers a purchase of a designated commodity in response to a sale request designating the commodity, in registered commodity information stored in said registered commodity data storing unit. (See column 4 lines 30-50 and column 11 line 60). It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teachings of Giuliani and Sato to include Champion in order to create an electronic commerce system aiding in a purchase and a sale of a commodity. The benefit would have been to the ability to search for a desired price or and information about a change condition and a change price and storing of all registered commodity data related to purchase and a sale of a commodity.

As per claim 17, Giuliani disclose an electronic commerce method aiding in a purchase and a sale of a commodity in an electronic commerce system, comprising: storing a desired sale or purchase price of a commodity, and information about a change condition and a change price of the desired sale or purchase price. (Note abstract and see column 1 line 65 and column 2 lines 5-65). Giuliani does not explicitly teach disclose searching unit searching for a desired price. However Sato disclose searching unit searching for a desired price. (See column 16 line 25). Sato also disclose delivery of commodity. (See column 6 lines 40-45). Sato does not explicitly teach information about a change condition and a change price of the

desired price of a transaction partner that registers a sale of a designated commodity in response to a purchase request designating the commodity a desired price and information about a change condition and a change price of the desired price of a transaction partner that registers a purchase of a designated commodity in response to a sale request designating the commodity, in registered commodity information stored in said registered commodity data storing unit. However Champion disclose searching unit searching for a desired price or and information about a change condition and a change price of the desired price of a transaction partner that registers a sale of a designated commodity in response to a purchase request designating the commodity. (See column 3 lines 15-25 and column 11 lines 40-65).

Champion also disclose a desired price and information about a change condition and a change price of the desired price of a transaction partner that registers a purchase of a designated commodity in response to a sale request designating the commodity, in registered commodity information stored in said registered commodity data storing unit. (See column 4 lines 30-50 and column 11 line 60). It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teachings of Giuliani and Sato to include Champion in order to create an electronic commerce system aiding in a purchase and a sale of a commodity. The benefit would have been to the ability to search for a desired price or and information about a change condition and a change price and storing of all registered commodity data related to purchase and a sale of a commodity.

As per claim 18, Giuliani disclose an electronic commerce method aiding in a purchase and a sale of a commodity in an electronic commerce system, comprising: storing a desired sale or purchase price of a commodity, and information about a change condition and a

change price of the desired sale or purchase price. (Note abstract and see column 1 line 65 and column 2 lines 5-65). Giuliani does not explicitly teach disclose searching unit searching for a desired price. However Sato disclose searching unit searching for a desired price.(See column 16 line 25). Sato also disclose delivery of commodity. (See column 6 lines 40-45). Sato does not explicitly teach information about a change condition and a change price of the desired price of a transaction partner that registers a sale of a designated commodity in response to a purchase request designating the commodity a desired price and information about a change condition and a change price of the desired price of a transaction partner that registers a purchase of a designated commodity in response to a sale request designating the commodity, in registered commodity information stored in said registered commodity data storing unit. However Champion disclose searching unit searching for a desired price or and information about a change condition and a change price of the desired price of a transaction partner that registers a sale of a designated commodity in response to a purchase request designating the commodity.(See column 3 lines 15-25 and column 11 lines 40-65). Champion also disclose a desired price and information about a change condition and a change price of the desired price of a transaction partner that registers a purchase of a designated commodity in response to a sale request designating the commodity, in registered commodity information stored in said registered commodity data storing unit. (See column 4 lines 30-50 and column 11line 60). It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teachings of Giuliani and Sato to include Champion in order to create an electronic commerce system aiding in a purchase and a sale of a commodity. The benefit would have been to the ability to search for a desired price or and

information about a change condition and a change price and storing of all registered commodity data related to purchase and a sale of a commodity information.

As per claim 19, Giuliani disclose an electronic commerce system aiding in a purchase and a sale of a commodity, comprising:

a registered commodity data storing unit storing information about a sale or purchase desire of a commodity. (Note abstract and see column 1 line 65 and column 2 lines 5-65). Giuliani, Sato and Champion does not explicitly teach a registered commodity data storing unit storing information about a sale or purchase desire of a commodity along with a public condition, and a unit making the sale or purchase desire of the commodity public if the public condition stored in said registered commodity data storing unit is satisfied. It would have been obvious to one of ordinary skill in the art at the time the invention was made that the teachings of Giuliani modify to include Sato and Champion could have perform these functions of making the sale or purchase desire of the commodity public if the public condition stored in the registered commodity data storing unit is satisfied. The benefit would have been to have the public participating in the purchase and a sale of a commodity.

As per claim claim 20, Giuliani disclose an electronic commerce system aiding in a purchase and a sale of a commodity, comprising:

a registered commodity data storing unit storing a desired sale or purchase price of a commodity, and information about a change condition and a change price of the desired sale or purchase price. (Note abstract and see column 1 line 65 and column 2 lines 5-65). Giuliani does not explicitly teach disclose searching unit searching for a desired price. However Sato

disclose searching unit searching for a desired price.(See column 16 line 25). Sato also disclose delivery of commodity. (See column 6 lines 40-45). Sato does not explicitly teach information about a change condition and a change price of the desired price of a transaction partner that registers a sale of a designated commodity in response to a purchase request designating the commodity a desired price and information about a change condition and a change price of the desired price of a transaction partner that registers a purchase of a designated commodity in response to a sale request designating the commodity, in registered commodity information stored in said registered commodity data storing unit. However Champion disclose searching unit searching for a desired price or and information about a change condition and a change price of the desired price of a transaction partner that registers a sale of a designated commodity in response to a purchase request designating the commodity.(See column 3 lines 15-25 and column 11 lines 40-65). Champion also disclose a desired price and information about a change condition and a change price of the desired price of a transaction partner that registers a purchase of a designated commodity in response to a sale request designating the commodity, in registered commodity information stored in said registered commodity data storing unit. (See column 4 lines 30-50 and column 11line 60). It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teachings of Giuliani and Sato to include Champion in order to create an electronic commerce system aiding in a purchase and a sale of a commodity. The benefit would have been to the ability to search for a desired price or and information about a change condition and a change price and storing of all registered commodity data related to purchase and a sale of a commodity.

As per claim 21, Giuliani disclose an electronic commerce system aiding in a purchase and a sale of a commodity, comprising:

a registered commodity data storing unit storing a desired sale or purchase price of a commodity, and information about a change condition and a change price of the desired sale or purchase price. (Note abstract and see column 1 line 65 and column 2 lines 5-65). Giuliani does not explicitly teach disclose searching unit searching for a desired price. However Sato disclose searching unit searching for a desired price.(See column 16 line 25). Sato also disclose delivery of commodity. (See column 6 lines 40-45). Sato does not explicitly teach information about a change condition and a change price of the desired price of a transaction partner that registers a sale of a designated commodity in response to a purchase request designating the commodity a desired price and information about a change condition and a change price of the desired price of a transaction partner that registers a purchase of a designated commodity in response to a sale request designating the commodity, in registered commodity information stored in said registered commodity data storing unit. However Champion disclose searching unit searching for a desired price or and information about a change condition and a change price of the desired price of a transaction partner that registers a sale of a designated commodity in response to a purchase request designating the commodity.(See column 3 lines 15-25 and column 11 lines 40-65). Champion also disclose a desired price and information about a change condition and a change price of the desired price of a transaction partner that registers a purchase of a designated commodity in response to a sale request designating the commodity, in registered commodity information stored in said registered commodity data storing unit. (See column 4 lines 30-50 and column 11line 60). It

Art Unit: 3628

would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teachings of Giuliani and Sato to include Champion in order to create an electronic commerce system aiding in a purchase and a sale of a commodity. The benefit would have been to the ability to search for a desired price or and information about a change condition and a change price and storing of all registered commodity data related to purchase and a sale of a commodity.

As per claim 22, Giuliani disclose an electronic commerce system aiding in a purchase and a sale of a commodity, comprising:

a registered commodity data storing unit storing a desired sale or purchase price of a commodity, and information about a change condition and a change price of the desired sale or purchase price. (Note abstract and see column 1 line 65 and column 2 lines 5-65). Giuliani does not explicitly teach disclose searching unit searching for a desired price. However Sato disclose searching unit searching for a desired price.(See column 16 line 25). Sato also disclose delivery of commodity. (See column 6 lines 40-45). Sato does not explicitly teach information about a change condition and a change price of the desired price of a transaction partner that registers a sale of a designated commodity in response to a purchase request designating the commodity a desired price and information about a change condition and a change price of the desired price of a transaction partner that registers a purchase of a designated commodity in response to a sale request designating the commodity, in registered commodity information stored in said registered commodity data storing unit. However Champion disclose searching unit searching for a desired price or and information about a change condition and a change price of the desired price of a transaction partner that registers

a sale of a designated commodity in response to a purchase request designating the commodity. (See column 3 lines 15-25 and column 11 lines 40-65). Champion also disclose a desired price and information about a change condition and a change price of the desired price of a transaction partner that registers a purchase of a designated commodity in response to a sale request designating the commodity, in registered commodity information stored in said registered commodity data storing unit. (See column 4 lines 30-50 and column 11 line 60). It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the teachings of Giuliani and Sato to include Champion in order to create an electronic commerce system aiding in a purchase and a sale of a commodity. The benefit would have been to the ability to search for a desired price or and information about a change condition and a change price and storing of all registered commodity data related to purchase and a sale of a commodity.

As per claim 23, Giuliani disclose a electronic commerce system aiding in a purchase and a sale of a commodity, comprising:
a registered commodity data storing unit storing a desired sale or purchase price of a commodity, and information about a condition changing the desired sale or purchase price. (Note abstract and see column 1 line 65 and column 2 lines 5-65). Giuliani, Sato and Champion does not explicitly teach a registered commodity data storing unit storing a desired sale or purchase price of a commodity, and information about a condition changing the desired sale or purchase price depending on a time; and a unit changing a desired price of the commodity when a time stored in said registered commodity data storing unit elapses. It would have obvious to one of ordinary skill in the art at the time the invention was made that the

Art Unit: 3628

teachings of Giuliani modify to include Sato and Champion could have perform these functions of documenting time as it relates to conditions changes in purchase price and the elapses time of storing unit. The benefit would have been to document the price changes within a commodity and the time those changes occurs.

As per claim 24, Giuliani disclose a computer-readable storage medium on which is recorded a program for causing a computer to perform a process aiding in a purchase and a sale of a commodity, said process comprising: a registered commodity data storing unit storing information about a sale or purchase desire of a commodity. (Note abstract and see column 1 line 65 and column 2 lines 5-65). Giuliani, Sato and Champion does not explicitly teach a registered commodity data storing unit storing information about a sale or purchase desire of a commodity along with a public condition, and a unit making the sale or purchase desire of the commodity public if the public condition stored in said registered commodity data storing unit is satisfied. It would have been obvious to one of ordinary skill in the art at the time the invention was made that the teachings of Giuliani modify to include Sato and Champion could have perform these functions of making the sale or purchase desire of the commodity public if the public condition stored in the registered commodity data storing unit is satisfied. The benefit would have been to have the public participating in the purchase and a sale of a commodity.

Conclusion

4. The prior art of record and not relied upon is considered pertinent to Applicants disclosure.

Art Unit: 3628

Takahashi et al (US Patent 4,180,206) teaches merchandise sales control system.

Tucker (US 3,711,014 Patent) teaches personal portfolio computer.

Driscoll, III et al (US Patent 6,044,405) teaches service networking incorporating geographically remote hubs linked by high speed transmission path.

Morgan (US Patent 6,430,542) teaches service computer implemented program for financial planning and advice system.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Clement B Graham whose telephone number is 703-305-1874. The examiner can normally be reached on 7am to 5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hyung S. Sough can be reached on 703-308-0505. The fax phone numbers for the organization where this application or proceeding is assigned are 703-305-0040 for regular communications and 703-305-0040 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.



CG
March 04, 2003

Hyung Sub Sough
Primary Examiner